

W293-0040.

Proper No. 495

Alaunia

GLASGOW REPORT No. 44840—



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Lloyd's Register
Foundation

9/15/19

495

TWIN SCREW PASSENGER & CARGO STEAMER No 495

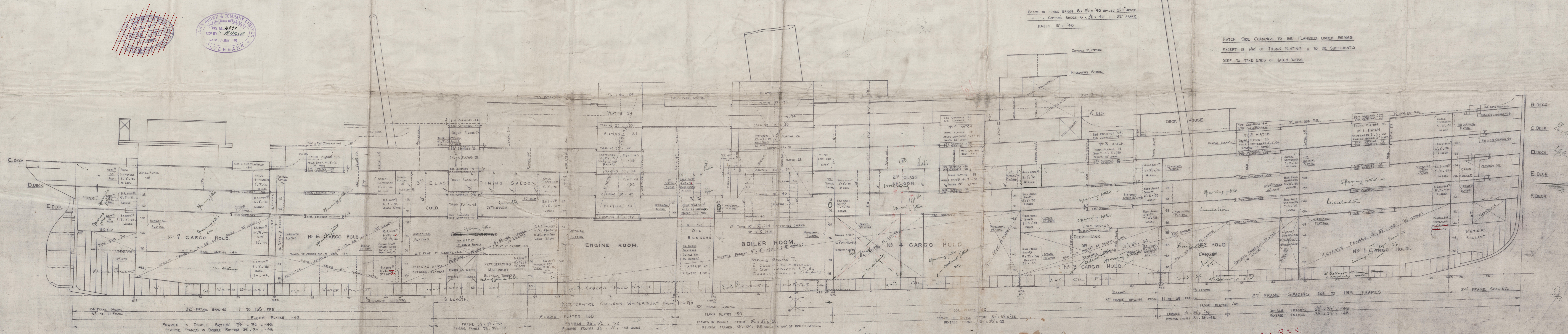
PROFILE.

TO CLASS 100 A.I. LLOYDS SHELTER DECK SPECIAL SURVEY.

DIMENSIONS:- 519'-0" B.P. x 65'-0" MLD x 43'-0" MLD TO "C" SHELTER DECK.

SCALE 1/8" INCH = ONE FOOT.

BOAT DECK BEAMS $5\frac{1}{2} \times 3 \times .36$ B.A. FOR 20 FT. SPAN SPACED TO SUIT BOAT DAVITS $\times 5\frac{1}{2} \times 3 \times .36$ ANGLES ON EVERY FRAME ELSEWHERE KNEES $15 \times .40$.
A DECK BEAMS $7\frac{1}{2} \times 3 \times .42$ B.A. ON EVERY FRAME IN WAY OF BRIDGE SIDE PLATING. KNEES $25 \times .46$ & $5\frac{1}{2} \times 3 \times .36$ B.A. ON EVERY FRAME CLEAR OF SIDE PLATING & KNEES $15 \times .40$.
B DECK BEAMS $8 \times 3 \times .5$ WEB $\times .50$ FLANGES, CHANNELS ON EVERY FRAME. KNEES $28 \times .50$. AT AFT END CLEAR OF BRIDGE, BEAMS $6 \times 3 \times .40$ B.A. EVERY FRAME, KNEES $15 \times .40$.
C DECK BEAMS $8 \times 3 \times .5$ WEB $\times .50$ FLANGES, CHANNELS ON EVERY FRAME. KNEES $28 \times .50$. (HORIZONTAL SHELF PLATES $29 \times .50$ IN LIEU OF KNEES IN WAY OF SALOONS.)
D DECK BEAMS $8 \times 3 \times .5$ WEB $\times .50$ FLANGES, CHANNELS ON EVERY FRAME. KNEES $28 \times .50$.
E & F DECK BEAMS $9 \times 3\frac{1}{2} \times .5$ WEB $\times .50$ FLANGES, CHANNELS ON EVERY FRAME. KNEES $31 \times .50$.
HATCH END BEAMS ON ALL DECKS EXCEPT E & F DECKS TO BE SAME SIZE AS BEAMS OF THEIR RESPECTIVE DECKS. SEE DECK PLAN.
HATCH END BEAMS ON E & F DECKS $12 \times 4 \times .5$ CHANNELS. KNEES $31 \times .50$.
BEAMS TO TUNNEL FLAT $9 \times 3\frac{1}{2} \times .5$ WEB $\times .50$ FLANGES, CHANNELS ON EVERY FRAME. KNEES $31 \times .50$ TO BE CONSIDERED IN CONJUNCTION WITH DECK PLANS.
SEE SEPARATE SUBMISSION FOR ADDITIONAL STRENGTHENING OF BOTTOM FORWARD & PAINTING ARRANGEMENTS FORWARD.
SEE SEPARATE SUBMISSION FOR CENTRE LINE LONGITUDINAL BULKHEADS.
DETAILS OF OIL BUNKERS.
TUNNEL & WATER TANKS.
BOSSING ARRANGEMENTS.
TYPICAL BULKHEADS INCLUDING DEEP TANKS.
SCANTLINGS & POSITION OF WEB FRAMES AS SHOWN ON DECK PLANS.



BEAMS TO FLYING BRIDGE $6 \times 3\frac{1}{2} \times .40$ SPACED $5\frac{1}{2}$ FT. APART
CAPTAIN'S BRIDGE $6 \times 3\frac{1}{2} \times .40$ " 32" APART
KNEES $15 \times .40$

HATCH SIDE COAMINGS TO BE FLANGED UNDER BEAMS
EXCEPT IN WAY OF TRUNK PLATING & TO BE SUFFICIENTLY
DEEP TO TAKE ENDS OF HATCH WEBS.

Spanning fillet except in oil fuel tanks & in way of gun mount & ammunition store

Spanning fillet

Insulation

Spanning fillet

Spanning fillet

Spanning fillet

Spanning fillet

Spanning fillet

Spanning fillet

Spanning fillet

Spanning fillet

41.0
6.9
34.1
17.05

30.2
21.2
41.5/19

John Brown
of 495-

Vickers. Ld.

No. 498.

Deck Plans
(D.I. & F.)



T. S. S. Aloumia
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W293-0041

6.6.19

TWIN SCREW PASS. & CARGO STEAMER

Nº 498 VICKERS.

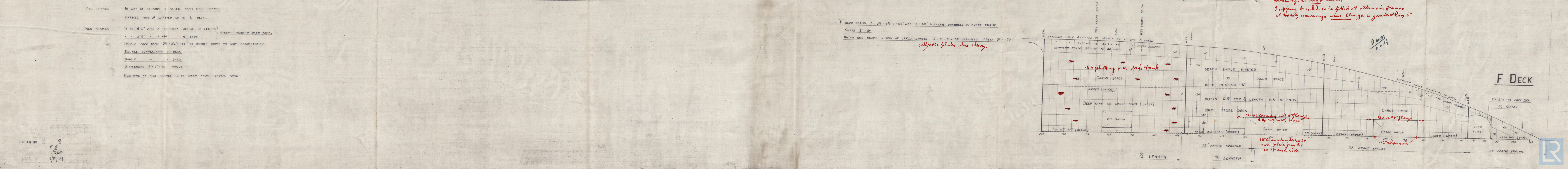
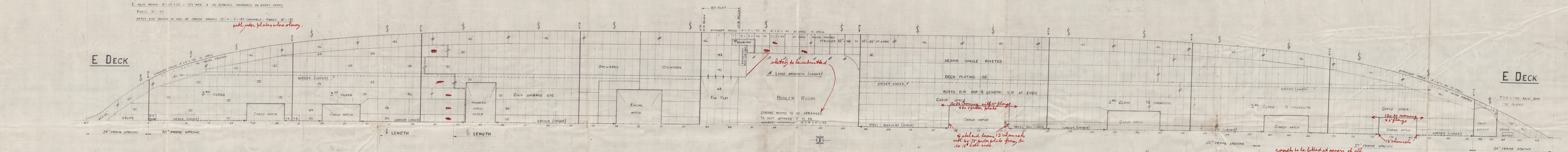
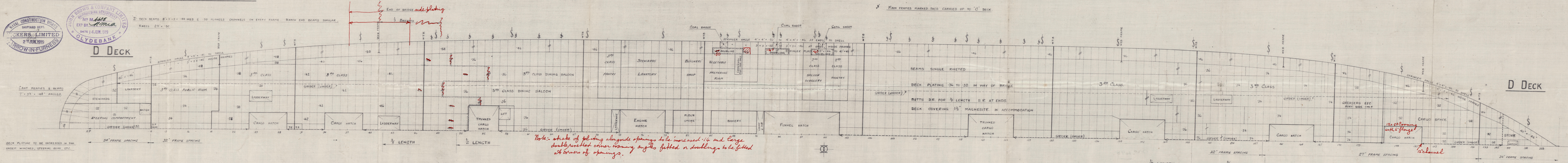
DECK PLANS SHEET 2

SCALE 1/8 IN = 1 FOOT.

DIMENSIONS - 519'-0" B.P. x 65'-0" M.D. x 43'-0" M.D. TO 'C' SHELTER DECK

CLASS 100 A.I. LLOYDS SHELTER DECK SPECIAL SURVEY

Also for:-
Imation's Whitworth's No 990-1
Hawthorn Leslie's No 500
John Brown & Co's No 498
John Hunter & Wigham Richardson's No 1124



Mad. Becton

N^o 495-

T. S. S. Alannia

GLASGOW REPORT No. 44840

Log
Blot
9/5/19

TWIN SCREW PASSENGER & CARGO STEAMER.

495
N^o 498.

MIDSHIP SECTION.

SCALE 1/2 INCH = ONE FOOT.

LLOYDS CLASS 100 A1. SHELTER DECK. SPECIAL SURVEY.



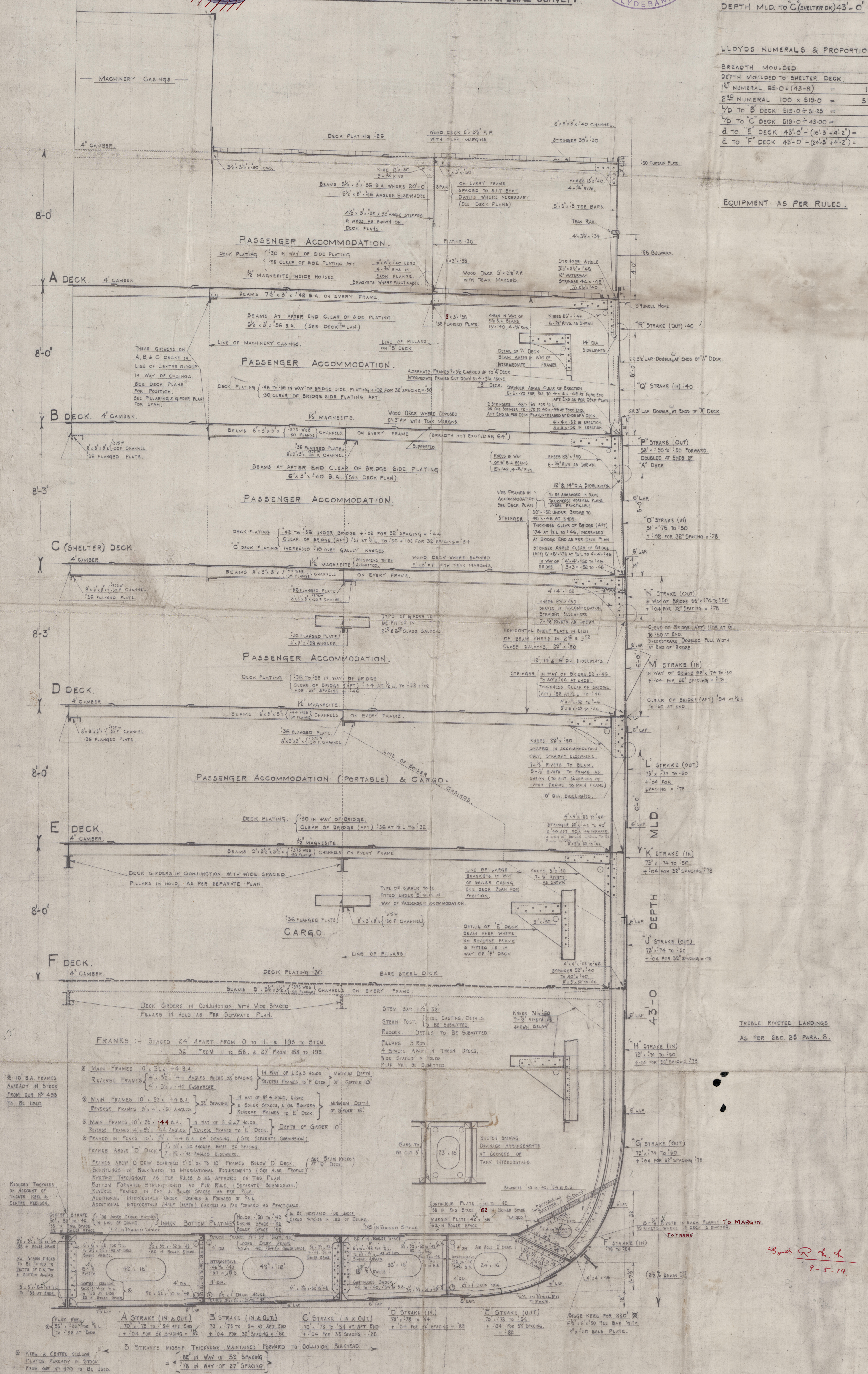
DIMENSIONS.

LENGTH B.P. 519'-0"
BREADTH MLD. 65'-0"
DEPTH MLD. TO 'C' (SHELTER DECK) 43'-0"

LLOYDS NUMERALS & PROPORTIONS.

BREADTH MOULDED	65.0
DEPTH MOULDED TO SHELTER DECK	43.0
1 st NUMERAL 65.0 + (43.0 - 8)	100.0
2 nd NUMERAL 100 x 519.0	51900
1/10 TO 'B' DECK 519.0 ÷ 51.25	10.12
1/10 TO 'C' DECK 519.0 ÷ 43.00	12.07
d TO 'E' DECK 43.0 - (16.2 + 4.2)	22.7
d TO 'F' DECK 43.0 - (24.2 + 4.2)	14.7

EQUIPMENT AS PER RULES.



FRAMES 14 SPACED 24' APART FROM 0 TO 11, & 193 TO STEM.
32' FROM 11 TO 158, & 27' FROM 158 TO 193.

* MAIN FRAMES 10' x 32' x 44 B.A.
REVERSE FRAMES 4' x 32' x 44 ANGLES WHERE 32' SPACING
4' x 32' x 42 ELSEWHERE.

* MAIN FRAMES 10' x 32' x 44 B.A.
REVERSE FRAMES 3' x 32' x 50 ANGLES
4' x 32' x 42 ELSEWHERE.

* MAIN FRAMES 10' x 32' x 44 B.A.
REVERSE FRAMES 4' x 32' x 44 ANGLES
4' x 32' x 42 ELSEWHERE.

* FRAMES IN PEAKS 10' x 32' x 44 B.A. 24' SPACING (SEE SEPARATE SUBMISSION).

* FRAMES ABOVE 'D' DECK 7' x 32' x 50 ANGLES WHERE 32' SPACING
7' x 32' x 48 ELSEWHERE.

* FRAMES ABOVE 'D' DECK SCARFED 2'-5" ON TO 'D' FRAMES BELOW 'D' DECK.
SCARFING OF BULKHEADS TO INTERNATIONAL REQUIREMENTS (SEE ALSO PROFILE).

* SCARFING THROUGHOUT AS PER RULES & AS APPROVED ON THIS PLAN.

* BOTTOM FORWARD STRENGTHENED AS PER RULES (SEPARATE SUBMISSION).

* REVERSE FRAMES IN ENCL. & BULK SPACES AS PER RULES.

* ADDITIONAL INTERCOSTALS (HALF DEPTH) CARRIED AS FAR FORWARD AS PRACTICABLE.

* 10' x 32' x 44 B.A. FRAMES ALREADY IN STOCK FROM OUR N^o 498 TO BE USED.

* REDUCED THICKNESS ON ACCOUNT OF THICKER KEEL & CENTRE KEEGON.

TREBLE RIVETED LANDINGS
AS PER SEC. 25 PARA. 6.

302 R. & L.
9-5-19.

- T.S. S. ALAUNDIA -

MISSISSIPPI SECTION
- AS BUILT -

No 495

Jorge BROWN & CO

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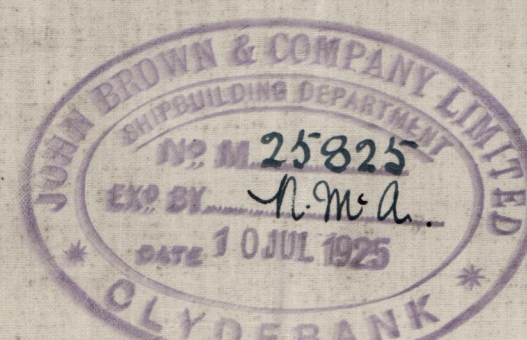
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W293-0038

MIDSHIP SECTION (AS FITTED)

SCALE 1/2" = 1 FOOT.

LLOYD'S CLASS 100 A.1 SHELTER DECK. SPECIAL SURVEY.

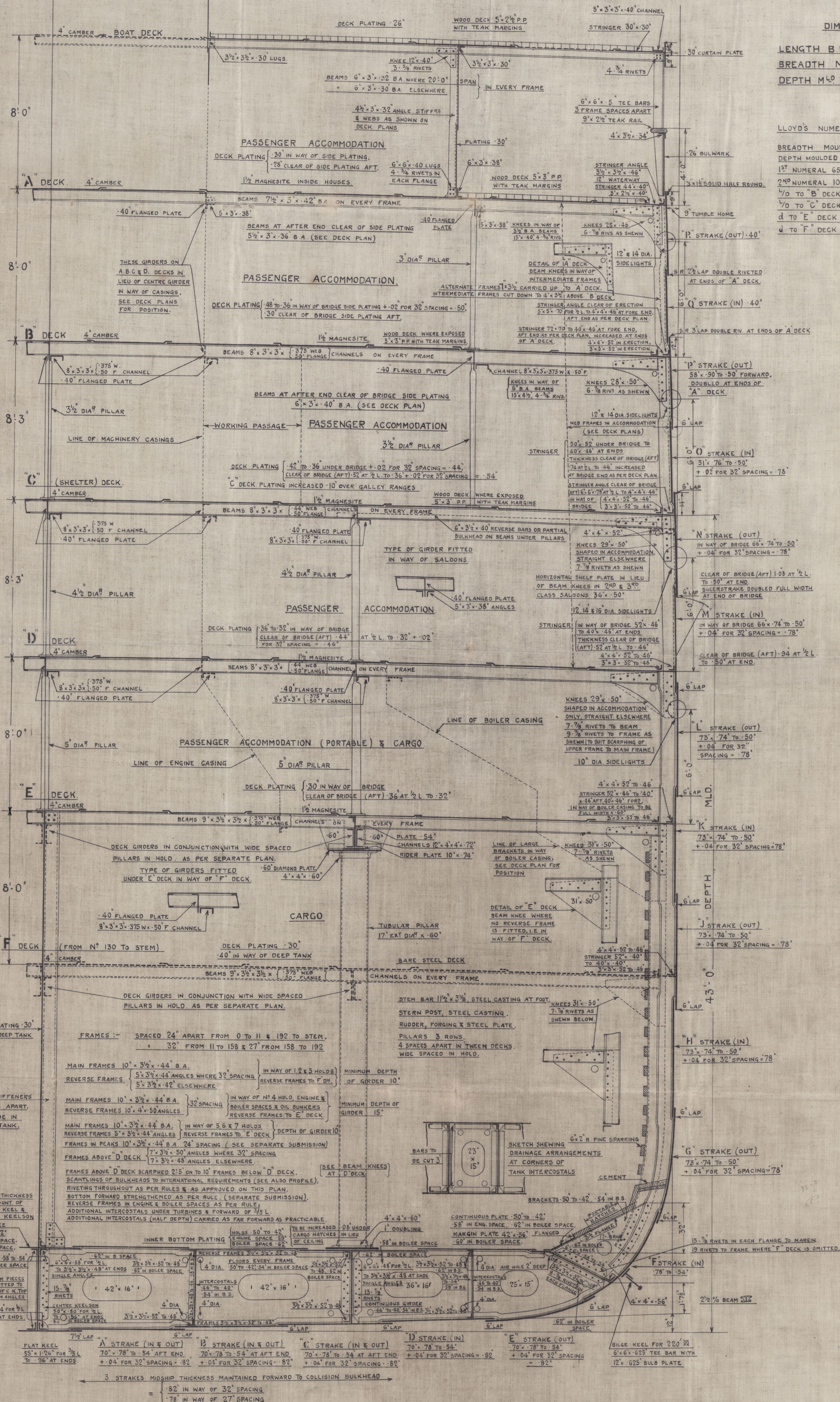


DIMENSIONS.

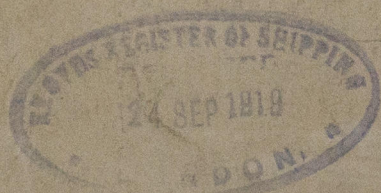
LENGTH B.P. 519'-0"
BREADTH M.L.D. 65'-0"
DEPTH M.L.D. TO 'C' (SHELTER DECK) 43'-0"

LLOYD'S NUMERALS & PROPORTIONS.

BREADTH MOULDED 65'-0"
DEPTH MOULDED TO SHELTER DECK 43'-0"
1ST NUMERAL 65.0 + (43-8) = 100.0
2ND NUMERAL 100 x 519.0 = 51900
1/2 TO 'B' DECK 519.0 + 51.25 = 10.12
1/2 TO 'C' DECK 519.0 + 43.00 = 12.07
1/2 TO 'E' DECK 43.0 + (16.3 + 4.2) = 22.7
1/2 TO 'F' DECK 43.0 - (24.3 + 4.2) = 14.7



John Brown & Co
N^o 495-
2 D.E. Bakers.
Duplicatio of baker
N^o 492 approved
London 5/2/19,



1st tier

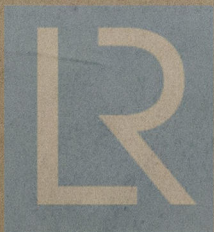
N^o 16724
Lloyds Esti
385 lbs
W.P. 220 "
T.S.C. 6-2-25

2nd tier

N^o 16726
Lloyds Esti
385 lbs
W.P. 220 "
T.S.C. 11-2-25

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No 2

LETTER	NO	LENGTH	BREADTH	THICK	PURPOSE	TENSILE
A	3	11' 11 1/2"	57 1/2"	3/8"	CENTRE FIREBOX TUBE PLATE	26-30
B	3	11' 11 1/2"	57 1/2"	3/8"	CENTRE FIREBOX TUBE PLATE	26-30
C	3	11' 11 1/2"	57 1/2"	3/8"	CENTRE FIREBOX TUBE PLATE	26-30
D	3	11' 11 1/2"	57 1/2"	3/8"	CENTRE FIREBOX TUBE PLATE	26-30

E	3	11' 11 1/2"	57 1/2"	3/8"	CENTRE FIREBOX WRAPPER	26-30
F	3	11' 11 1/2"	57 1/2"	3/8"	CENTRE FIREBOX WRAPPER	26-30
G	4	11' 11 1/2"	57 1/2"	3/8"	CENTRE FIREBOX WRAPPER	26-30
H	4	11' 11 1/2"	57 1/2"	3/8"	CENTRE FIREBOX WRAPPER	26-30

J	2	8' 4 1/2"	98"	1"	END PLATE (CENTRE)	26-30
K	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
L	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
M	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

N	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
O	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
P	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
Q	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

R	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
S	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
T	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
U	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

V	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
W	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
X	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
Y	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

Z	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AA	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AB	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AC	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

AD	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AE	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AF	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AG	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

AH	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AI	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AJ	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AK	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

AL	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AM	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AN	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AO	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

AP	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AQ	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AR	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AS	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

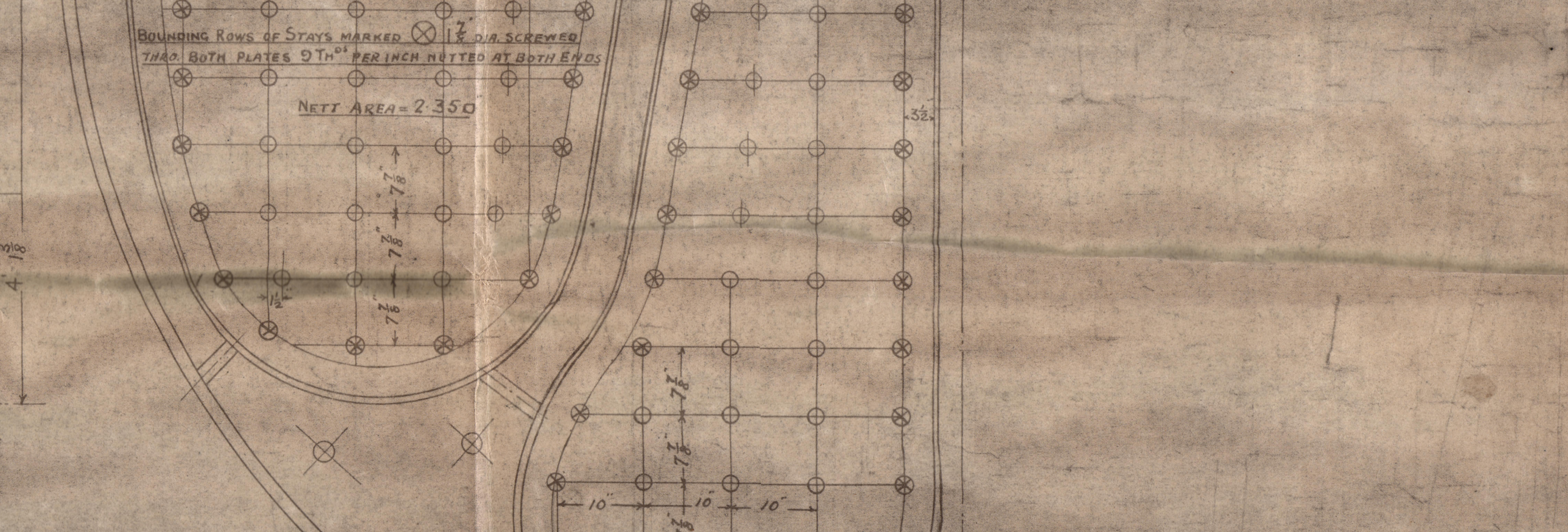
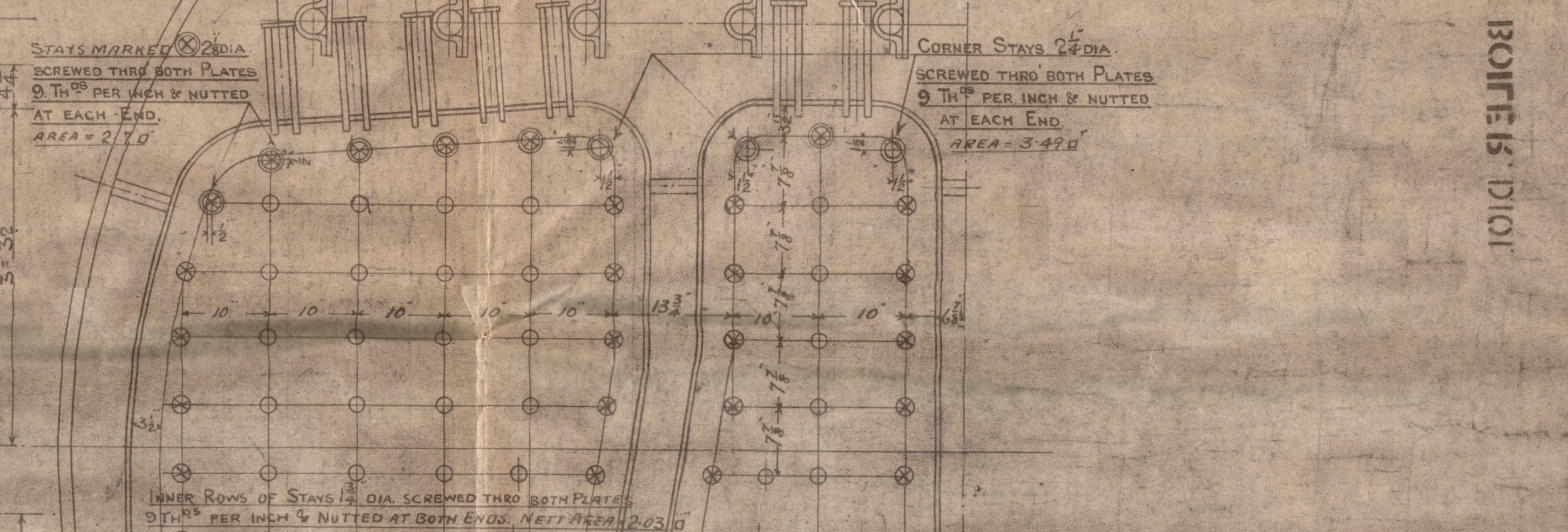
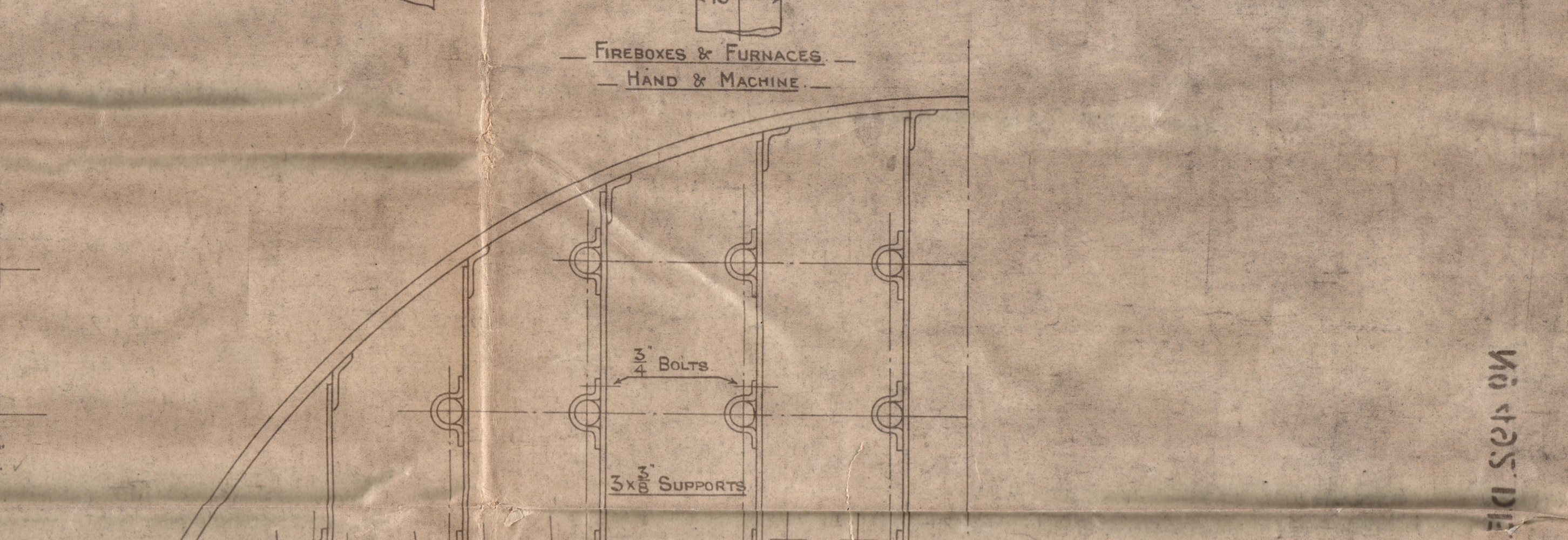
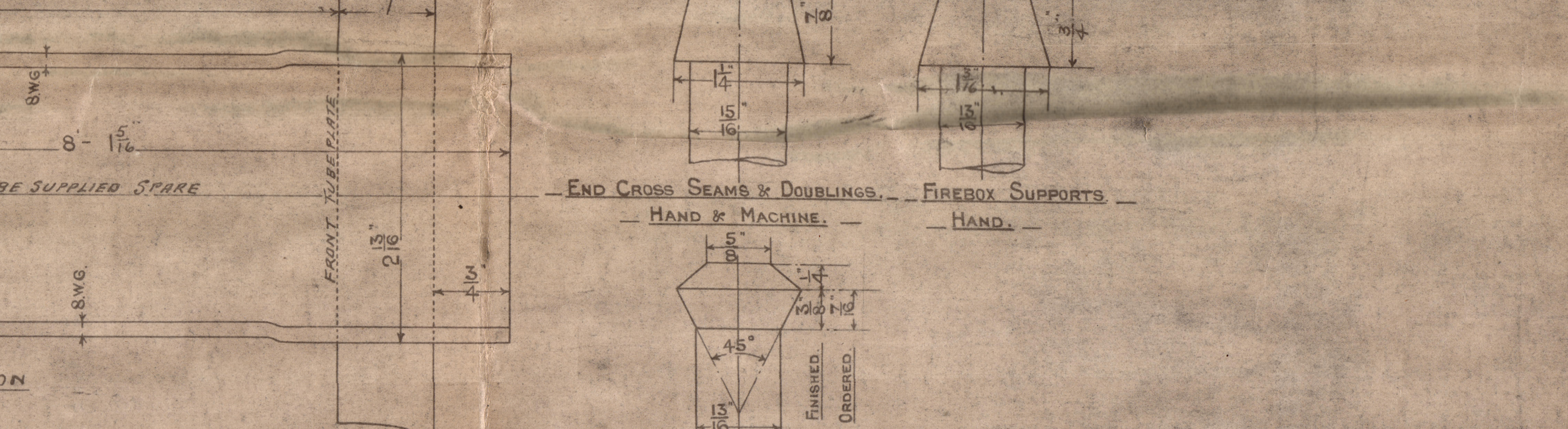
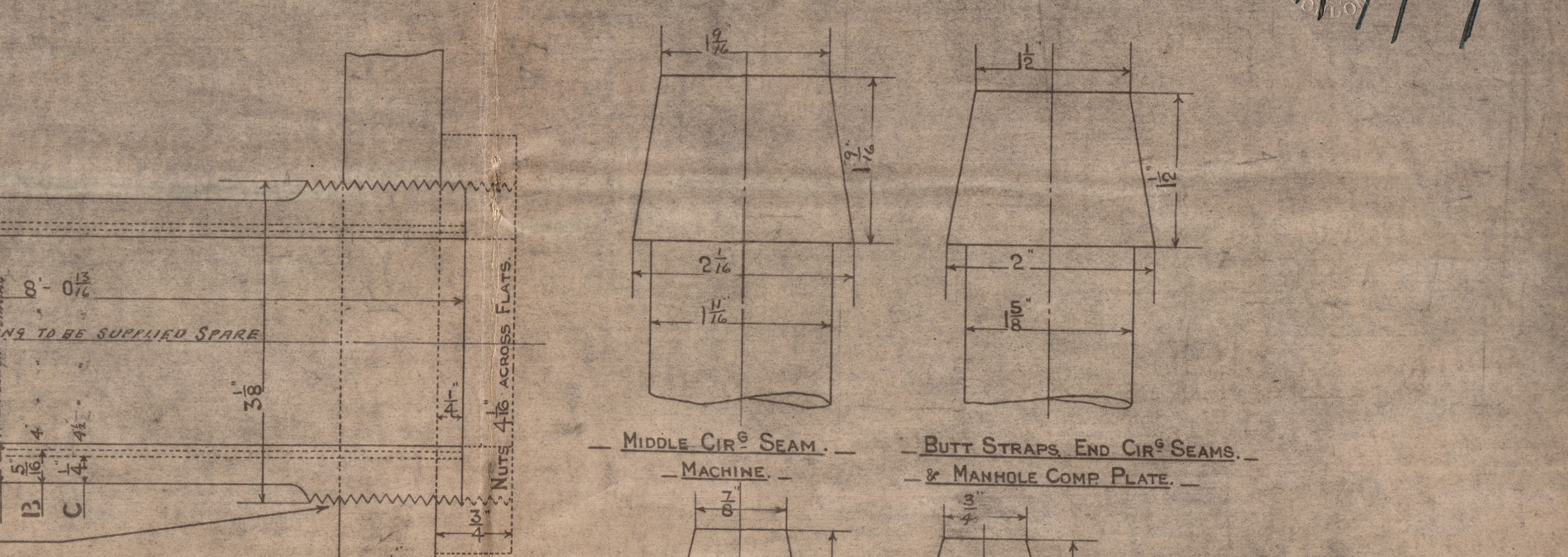
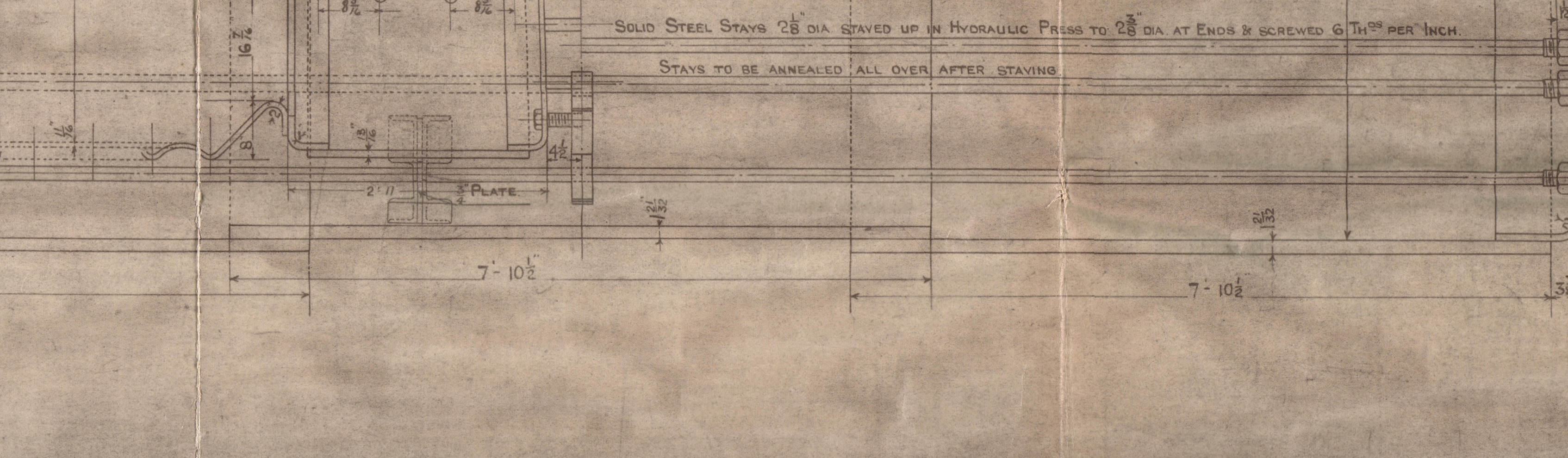
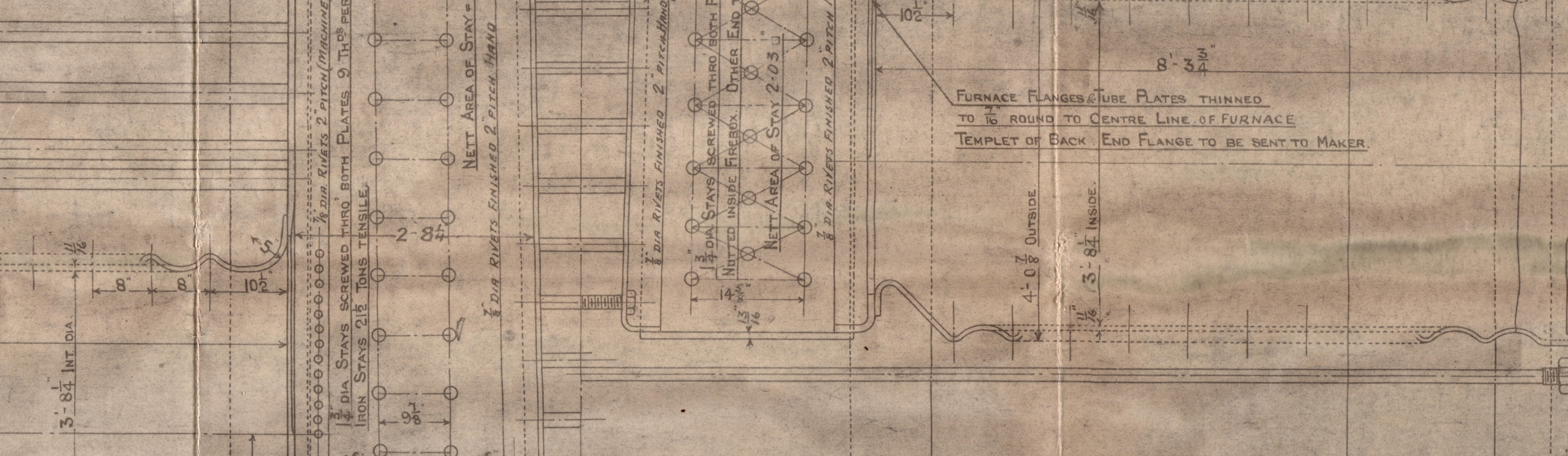
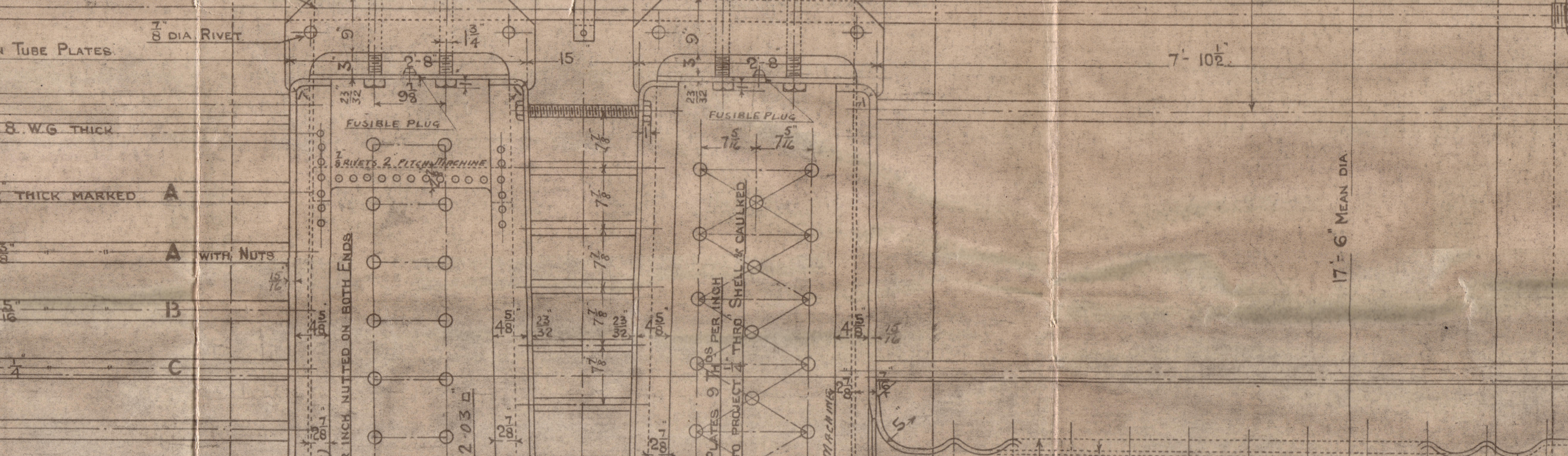
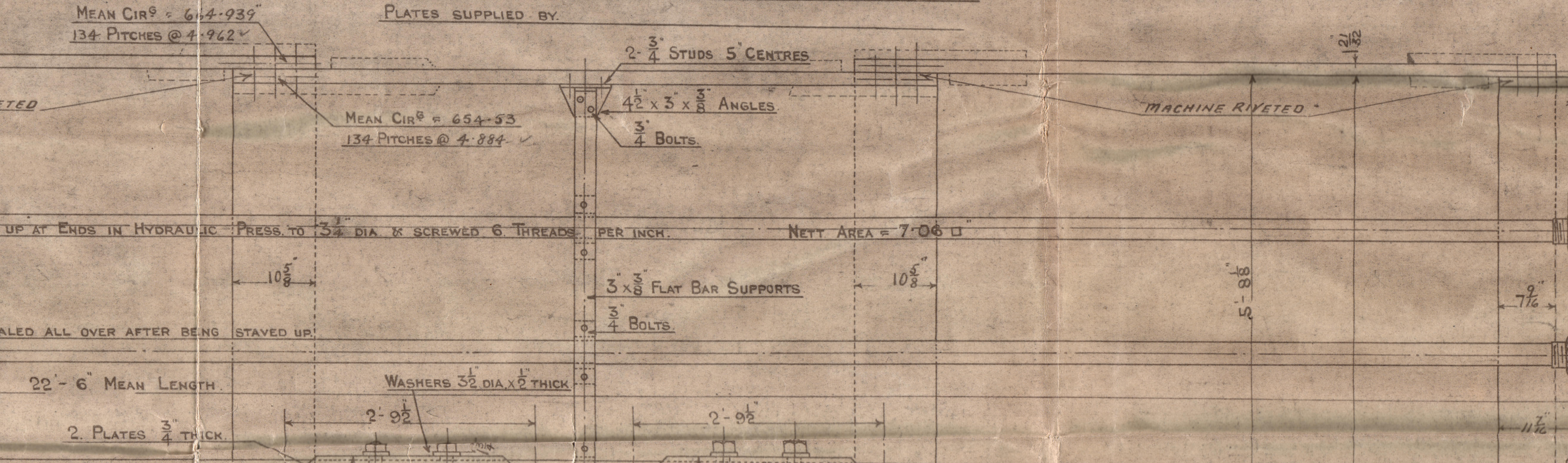
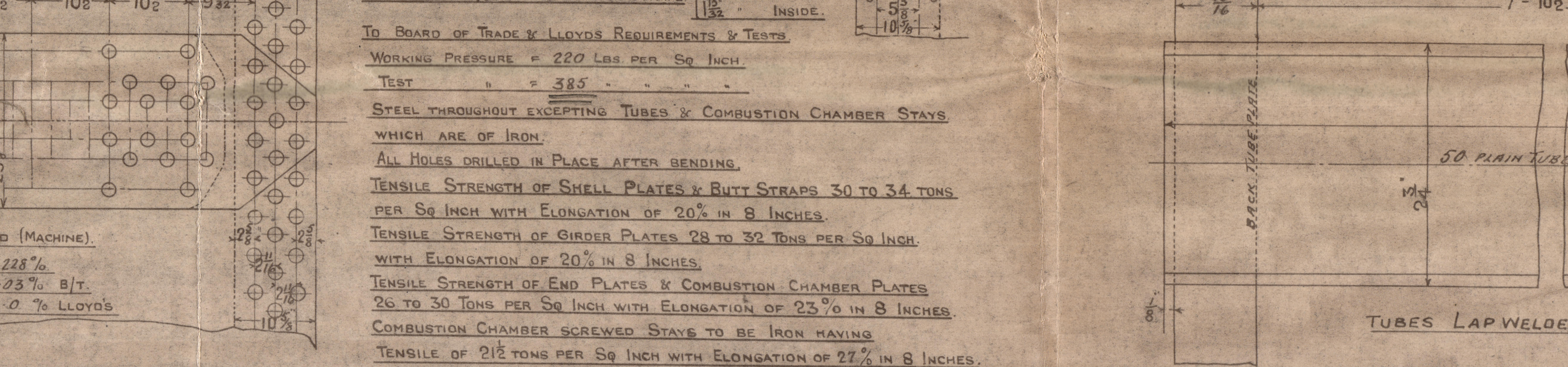
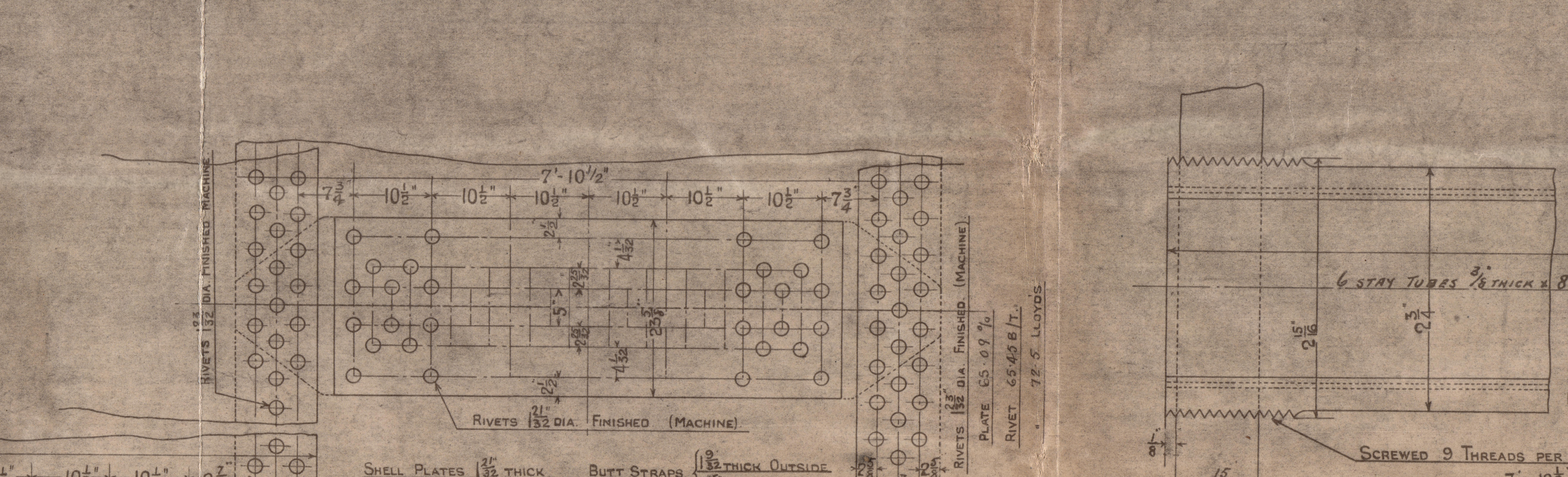
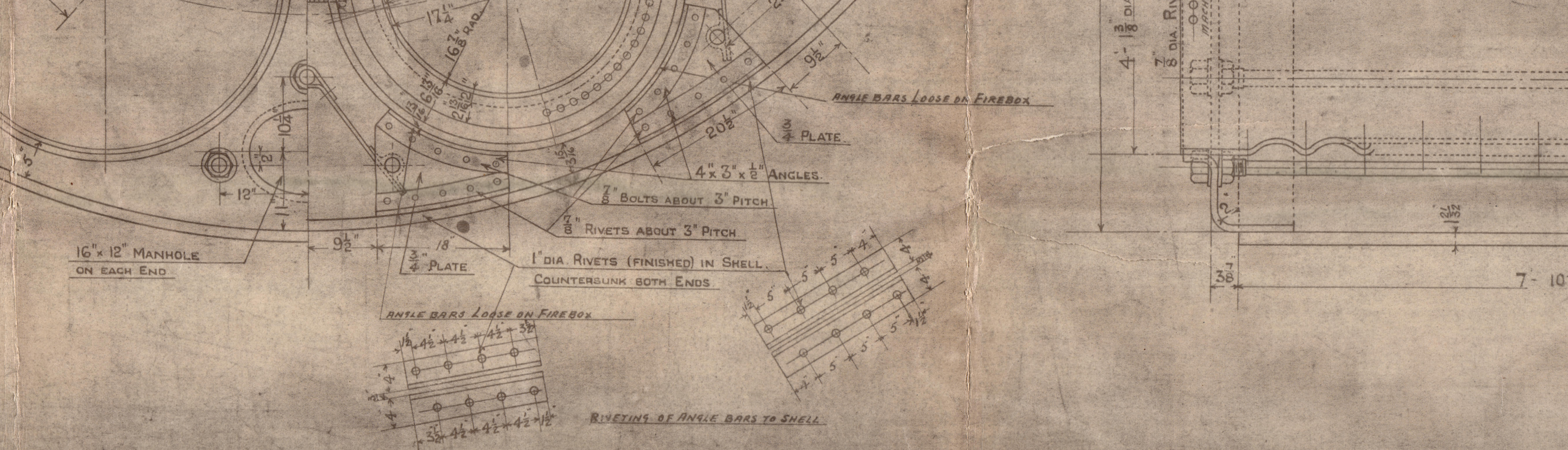
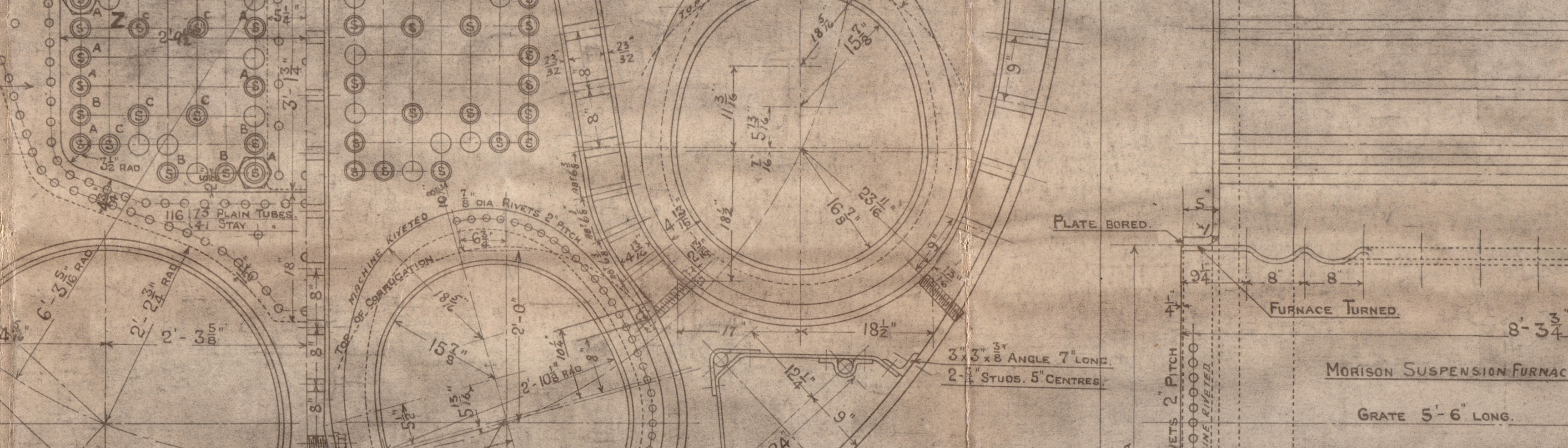
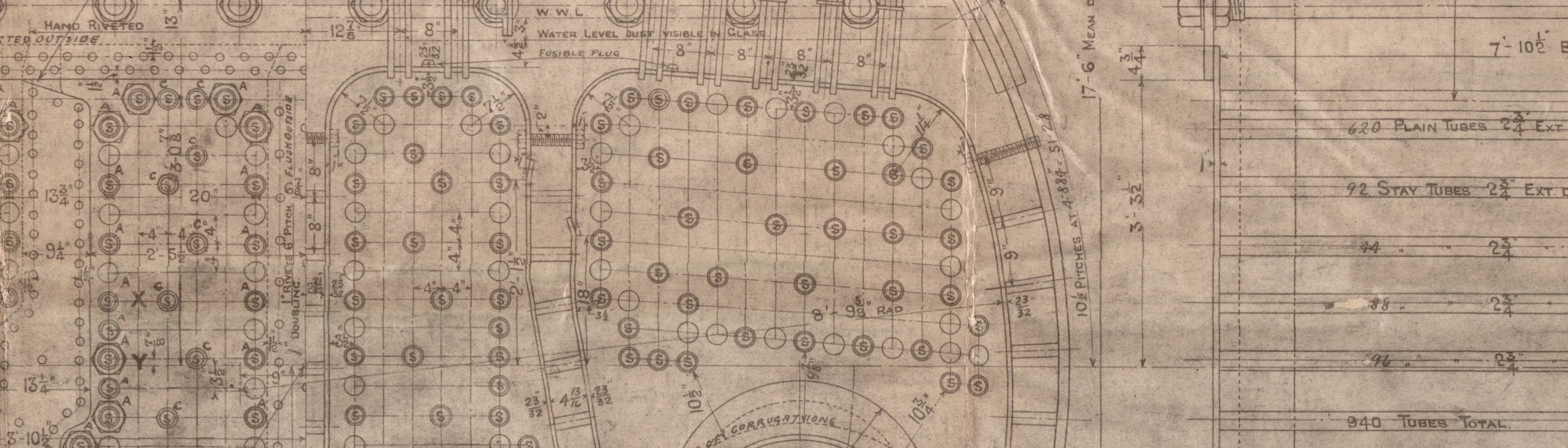
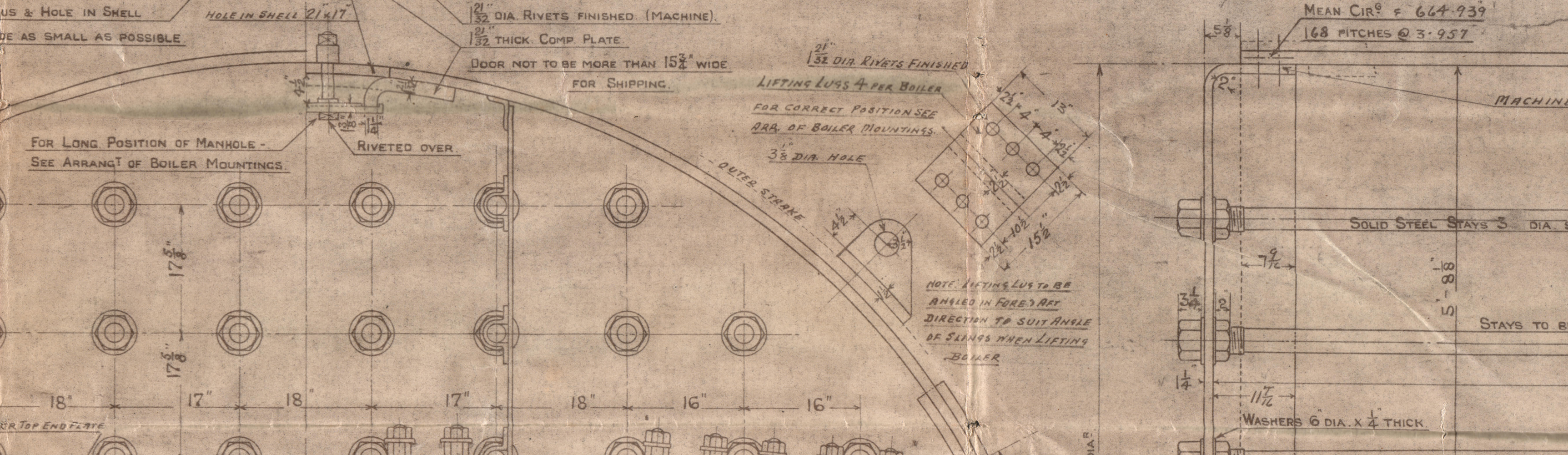
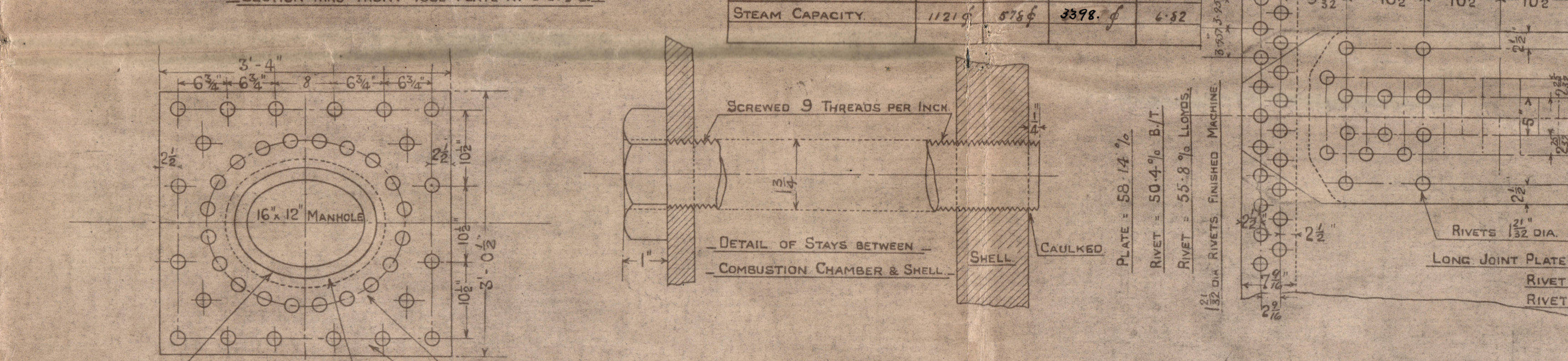
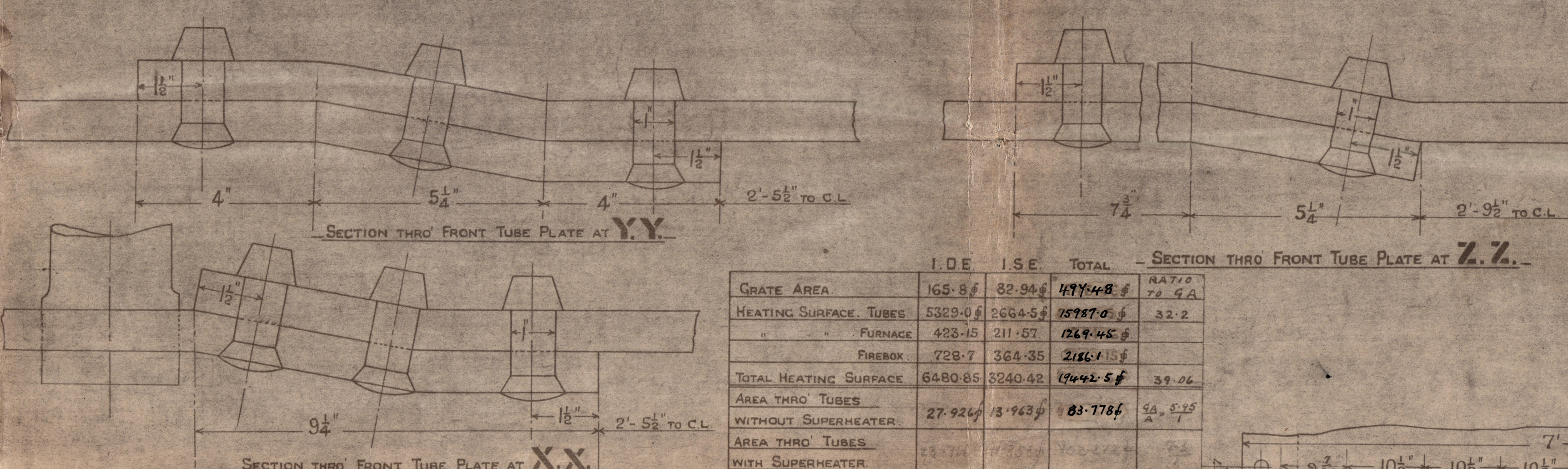
AT	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AU	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AV	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AW	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

AX	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AY	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
AZ	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
BA	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

BB	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
BC	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
BD	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
BE	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

BF	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
BG	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
BH	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
BI	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30

BJ	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
BK	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
BL	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30
BM	2	8' 4 1/2"	98"	1"	END PLATE (DOUBLINGS)	26-30



29/9/19

No 2 D E BOILER DIO

26/9/19
9/22